

What is claimed is:

1. A method for drying laundry in a laundry dryer having a program control device, a drying chamber and a process air circuit in which are disposed a heater and a blower for conveying the drying air through the drying chamber; the process air circuit including a fresh air supply passageway and an exhaust air discharge passageway and having disposed therein means for dividing the drying air flow into an exhaust air component and a recirculated air component; the laundry dryer having sensors for measuring process parameters; and the means for dividing the drying air flow being controlled to modify the exhaust air/recirculated air ratio according to the measured parameters, wherein a sensor (20) measures the pressure in the process air stream in the area (19) where the drying air enters the drying chamber (1); and the pressure value or the pressure profile is evaluated and, according to said evaluation, the means (14, 22) for dividing the drying air flow are controlled in such a way that the recirculated air component is reduced or set to zero and the drying process is continued at a reduced volumetric flow rate through the drying chamber (1).

2. The method for drying laundry as recited in Claim 1, wherein the heating power is reduced according to the reduced volumetric flow rate of the drying air.

3. A laundry dryer for carrying out the method of Claim 1, comprising a program control module, a drying chamber and a process air circuit in which are disposed a heater and a blower for conveying the drying air through the drying chamber; the process air circuit including a fresh air supply passageway and an exhaust air discharge passageway and having disposed therein means for dividing the drying air flow into an exhaust air component and a recirculated air component; the laundry dryer having sensors for measuring process parameters; and the means for dividing the drying air flow being controlled to modify the exhaust air/recirculated air ratio according to the measured parameters, wherein a pressure sensor (20) used to measure the pressure or the pressure profile in the drying chamber (1) is located in the area (19) where the drying air enters the drying chamber (1); and a shut-off damper (14) disposed in the process air duct (7) completely or partially closes the recirculated air path for the recirculated air component of the drying air according to the

measured pressure value or pressure profile.

4. The laundry dryer as recited in Claim 3,  
wherein the pressure sensor (20) is located in the space between the stationary heating duct  
section (16) and the rotating drying drum (1).

5. The laundry dryer as recited in Claim 4,  
wherein the pressure sensor (20) is located in the area (19) where the drying air enters the  
drying chamber (1).